



## Patient Bay - Emergency, Resuscitation

<b>Room Code</b>	PTB-E-RES
<b>Briefed Area</b>	25.00 m <sup>2</sup>
<b>Ceiling Height</b>	3.0 m
<b>Occupancy</b>	1 patient; up to 8 staff
<b>Hours of Operation</b>	24 hours

**Description** | The Patient Bay - Emergency, Resuscitation provides the space, equipment and services for assessment, resuscitation, treatment and observation of patients with critical conditions and injuries within the Emergency Unit.

<b>Electrical</b>	PROTECTION: body protected <input checked="" type="checkbox"/>	<b>HVAC</b>	AIRCONDITIONING: general <input checked="" type="checkbox"/>
	PROTECTION: cardiac protected <input type="checkbox"/>		AIRCONDITIONING: HEPA filtered <input type="checkbox"/>
<b>Lighting</b>	LIGHTING: general <input checked="" type="checkbox"/>	AIRCONDITIONING: positive pressure <input type="checkbox"/>	AIRCONDITIONING: negative pressure <input type="checkbox"/>
	LIGHTING: colour corrected <input checked="" type="checkbox"/>	VENTILATION: exhaust <input type="checkbox"/>	VENTILATION: supply <input type="checkbox"/>
	LIGHTING: dimmable <input type="checkbox"/>	VENTILATION: natural <input type="checkbox"/>	
	LIGHTING: indirect <input type="checkbox"/>		
<b>Nurse Call and Duress</b>	NURSE CALL SYSTEM: buttons / handset <input checked="" type="checkbox"/>	<b>Medical Gas</b>	MEDICAL GAS: general anaesthesia <input type="checkbox"/>
	NURSE CALL SYSTEM: annunciator <input type="checkbox"/>		MEDICAL GAS: special care <input type="checkbox"/>
	DURESS: fixed <input checked="" type="checkbox"/>		MEDICAL GAS: special care, neonatal ventilation <input type="checkbox"/>
	DURESS: wireless coverage <input type="checkbox"/>		MEDICAL GAS: birthing <input type="checkbox"/>
<b>Security</b>	ACCESS CONTROL: to door <input type="checkbox"/>	<b>Hydraulic</b>	WATER: drinking <input checked="" type="checkbox"/>
	ACCESS CONTROL: to item / joinery <input checked="" type="checkbox"/>		WATER: specialty <input type="checkbox"/>
	INTERCOM: service communications <input type="checkbox"/>		DRAINAGE: sanitary <input checked="" type="checkbox"/>
	INTERCOM: security and access control <input type="checkbox"/>		DRAINAGE: specialty <input type="checkbox"/>
	CCTV: camera coverage within room <input type="checkbox"/>	<b>Fire</b>	DETECTION: smoke <input checked="" type="checkbox"/>
	INTRUSION DETECTION: door monitoring <input type="checkbox"/>		DETECTION: heat <input type="checkbox"/>
<b>ICT and Audio Visual</b>	INTRUSION DETECTION: spatial monitoring <input type="checkbox"/>	<b>Shielding</b>	SHIELDING: ionising radiation <input type="checkbox"/>
	AUDIO VISUAL: patient entertainment system <input type="checkbox"/>		SHIELDING: magnetic and radio frequency <input type="checkbox"/>
	AUDIO VISUAL: visitor experience system <input type="checkbox"/>	<b>Acoustics</b>	SPEECH PRIVACY: not private ..... moderate ..... private ..... confidential
	AUDIO VISUAL: virtual collaboration system <input checked="" type="checkbox"/>		NOISE SENSITIVITY: not sensitive ..... low ..... medium ..... high
	AUDIO VISUAL: clinical support system <input checked="" type="checkbox"/>		NOISE GENERATION: low ..... moderate ..... high ..... very high
AUDIO VISUAL: digital operating room system <input type="checkbox"/>			
<b>Accessibility</b>	AUDIO: hearing augmentation <input type="checkbox"/>		
	VISUAL: luminance contrast <input checked="" type="checkbox"/>		
	SIGNAGE: accessible, statutory <input type="checkbox"/>		

### Additional Considerations

- The requirement for body protection or cardiac protection within the Patient Bay - Emergency, Resuscitation, in accordance with AS/NZS 3003, is to be confirmed at project level based on the medical procedures to be undertaken in the space and the level of protection against electric shock afforded in the medical electrical equipment available for these procedures.
- Clear area is required to both sides of the patient bed to accommodate an ambulance trolley and the staff and equipment required to assist/complete patient transfers. Work health and Safety (WHS) policies and patient transfer devices that are intended to be used should be confirmed at project level. Ceiling mounted patient lifting tracks may be considered based on local WHS policies.
- Use of mobile imaging equipment within the resuscitation bay is to be confirmed at project level. Radiation shielding and signage requirements will need to be assessed and advised by a qualified Radiation Consultant to meet relevant legislation and local radiation safety policies.

- Clinical requirements and models of care for paediatric and neonatal patients are to be confirmed at project level. One resuscitation bay may be assigned for use with paediatric and neonatal patients and hold the required equipment (e.g. appropriate resuscitation trolleys and warming equipment) and consumables. Alternatively, equipment and consumables for paediatric and neonatal patients may be stored in a central shared zone to be brought any resuscitation bay as required.
- Clinical requirements and models of care for trauma services, and their resulting spatial requirements are to be confirmed at project level.
- The content and configuration of the medical services pendant, including medical gases, power and data, will be dependent on clinical services requirements and medical equipment selection, and is to be confirmed at project level. A medical services panel may be provided in lieu of a medical services pendant, depending on models of care and subject to consultation and confirmation with Emergency Unit clinicians.
- Provision of reticulated nitrous oxide is optional and must be confirmed to suit local jurisdictional policies and operational service requirements. The use of nitrous oxide is declining due to a range of clinical and environmental concerns. Reticulated systems have been found to increase leakage of nitrous oxide (a potent greenhouse gas) to the atmosphere, can increase facility operating costs and potentially expose staff to nitrous oxide. Reticulated nitrous oxide and associated scavenge outlets are not mandatory for any healthcare service and point of care cylinders can meet clinical requirements for the majority of healthcare facilities. Due consideration must be given to a range of operational considerations including monitoring and measurement of usage, management of leakage, WHS requirements relating to the use of cylinders, approach to the provision of scavenge where cylinders are used, appropriate storage for cylinders, and security of gas sources given nitrous oxide is used as a recreational drug.
- Enclosing the Patient Bay - Emergency, Resuscitation may be considered at project level. Where a bay is enclosed, provision of sliding glazed doors that support observation is advised.
- Where the Patient Bay - Emergency, Resuscitation is enclosed for use as a negative pressure isolation room, an anteroom and an ensuite will be required. A negative pressure room will also have specific air handling and grille location requirements, and these are to be confirmed at project level to suit local engineering services guidance. Provision of negative pressure isolation resuscitation rooms will be dependent on jurisdictional requirements, clinical services planning, service level and patient profile, and must be confirmed at project level.
- Direct access from ambulance arrivals or a diagnostic imaging room to a Patient Bay - Emergency, Resuscitation may be provided depending on clinical services requirements and operational models. Provision of an additional point of entry to the resuscitation bay will require coordination with ceiling and wall mounted equipment.
- Personal protective equipment (PPE) is to be in readily accessible locations between resuscitation bays. Refer to Part D: Infection Prevention and Control for more information.
- Patient monitoring and display screen requirements (e.g. for viewing patient information, review of medical imaging from portable imaging equipment, use of an emergency decision support tool, etc.) are to be confirmed at project level to suit clinical services requirements and local ICT strategies and policies.
- Provision of cameras for capturing treatment for use in education, streaming to education spaces and/or to enable remote assistance in small services will be dependent on clinical services requirements (including for virtual models of care) and local ICT strategies and policies.
- Close access is required to linen bays and blanket warming cabinets.
- Mobile duress coverage is to be assessed and planned at a department level and coverage is to meet local security and WHS policies as well as operational service requirements.
- The type, extent and configuration of storage within the room for consumables will be dependent on clinical services requirements, operational policies for stock centralisation/decanting and IPC policies.
- Size, type and quantity of waste bins provided within the patient bay, including sharps bins, will be dependent on clinical service requirements, operational models for waste management (including separation of waste streams and frequency of waste removal) and local infection prevention and control (IPC) policies.
- Provision and extent of emergency/standby power and/or uninterruptible power supply (UPS) is to be confirmed to suit clinical services requirements and site conditions. Confirmation of power requirements is to be based on risk assessment considering the impact of a power outage on patient care/safety and medical equipment specifications.
- Provision of cleaner's power outlets is to be rationalised across the department and spaced in accordance with AS/NZS 3003.



## Finishes

CODE	DESCRIPTION	COMMENT
FLVY-101	FLOOR FINISH: vinyl, seamless, standard slip resistance	minimum slip rating R10/Pendulum P3 or agreed equivalent to extend under basin or an inset section of non-slip vinyl is required
FLSK-021	SKIRTING: vinyl, integral with floor vinyl, coved	
WLFI-002	WALL FINISH: paint, clinical areas	

CODE	DESCRIPTION	COMMENT
WLFI-011.06	WALL FINISH: vinyl, to 2100 AFFL	
WLFI-101	SPLASHBACK: vinyl	to basin
CLFS-011	CEILING: flush set, suspended	
CLFI-002	CEILING FINISH: paint, clinical areas	
CLCN-031	CORNICE: square set	
WLPR-006.06	WALL PROTECTION: corner guards, to 2100 AFFL	
WLPR-046.03	WALL PROTECTION: crash rail, to 900 AFFL	



## Joinery

CODE	DESCRIPTION	GROUP	QTY	COMMENT
JOBE-031	BENCH: 600D, laminate	①	1	
JOBE-211	BENCH SUPPORT: bracket	①	3	
JOBE-251	CAP: cable access	①	1	to write-up workstation



## Fittings, Furniture and Equipment (FF&E)

CODE	DESCRIPTION	GROUP	QTY	COMMENT
FIBM-019	WHITEBOARD: fixed, magnetic	②	1	
FIDI-101	DISPENSER: PPE, disposable masks, wall mounted	②	1	provided in addition to PPE bays shared between resuscitation bays
FIDI-106	DISPENSER: PPE, disposable gloves, wall mounted	②	1	provided in addition to PPE bays shared between resuscitation bays
FIDI-231	DISPENSER: paper towel, wall mounted	②	1	to basin
FIDI-241	DISPENSER: alcohol-based hand rub, wall mounted	②	1	
FIDI-256	DISPENSER: soap, wall mounted	②	1	to basin
FIDI-261	DISPENSER: soap, antimicrobial, wall mounted	②	1	to basin
FIHR-115	BRACKET: sharps bin, trolley mounted	②	1	to resuscitation trolley
FIHR-151	PANEL: storage baskets, wall mounted	②	2	type and extent of storage for consumables is to be confirmed to suit clinical services requirements, operational models for stock centralisation/decanting and local IPC policies
FIHR-212	BRACKET: computer display screen, single, articulated, wall mounted	②	1	optional, to display screen for decision support tool if provided
FIHR-331	BRACKET: display screen, single, fixed, wall mounted	②	1	optional, to display screen for patient information and diagnostic imaging if provided
FIHR-403	BRACKET: patient monitor, fixed, ceiling mounted	②	1	to slave display screen for patient monitor
FIRT-051	TRACK: curtain, privacy	①	1	
FIRT-091	TRACK: IV, ceiling mounted	①	1	optional, may alternatively be provided as services pendant head mounted or mobile poles; to be coordinated with procedure light and medical services pendant
FQBS-203	STOOL: clinical areas, mobile, high	③	1	to write-up workstation
FQCL-211	LINEN CARRIER: dirty, single skip	③	1	
FQGE-101	CURTAIN: privacy screen	③	1	
FQGE-112	BASKET: storage, for wall mounted panel, small	③	8	type and extent of storage for consumables is to be confirmed to suit clinical services

CODE	DESCRIPTION	GROUP	QTY	COMMENT
				requirements, operational models for stock centralisation/decanting and local IPC policies
FQWS-003	BIN: sharps, clinical, medium	③	1	to resuscitation trolley; size to suit clinical services requirements and operational models for frequency of disposal
FQWS-053	BIN: general waste, 50L	③	1	size, type, quantity and location of waste bins will be dependent on clinical services requirements, operational models for waste management and local IPC policies
FQWS-233	BIN: clinical waste, 50L	③	1	size, type, quantity and location of waste bins will be dependent on clinical services requirements, operational models for waste management and local IPC policies
HYBA-101	BASIN: type A, handwashing	①	1	with removable shroud to pipework; location of thermostatic mixing valve to be determined based on ability to share with nearby basins
HYTP-067	TAPWARE: basin, tap set, wall mounted, lever handles	①	1	selection of basin and tapware should be coordinated to ensure compatibility
ITBU-482	CLOCK: digital display, with time and elapsed time, electric, synchronised slave, wired internet protocol (IP), wall recessed	①	1	
ITCL-351	DISPLAY SCREEN: patient treatment information	①	1	optional, for decision support tool display; provision and placement dependent on clinical services requirements
ITCL-351	DISPLAY SCREEN: patient treatment information	①	1	optional, for patient information and diagnostic imaging display; provision and placement dependent on clinical service requirements
ITCL-431	CAMERA: patient observation, ceiling mounted	①	2	optional, for education and/or to enable remote assistance in small services; provision, quantity and placement is dependent on clinical services requirements and local ICT strategies and policies
ITNE-076	TELEPHONE: handset, wall mounted	②	1	to write-up workstation
ITNE-102	COMPUTER: dual display screens, central processing unit (CPU), keyboard and mouse, desktop	③	1	to write-up workstation; provision of articulated wall or bench mounted brackets may be considered for ergonomics and to support flexible positioning of workstation for visibility of patient.
LIFX-131	LIGHT: procedure, single articulated arm, 1 light head, ceiling mounted	①	1	to be coordinated with ceiling mounted IV track and medical services pendant
MMBE-111	BED: patient, electric, with mattress, emergency	③	1	
MMGE-039	HANGER: IV, for ceiling track	③	1	optional, to ceiling track if provided, may alternatively be provided as services pendant head mounted or mobile poles
MMGE-045	POLE: IV, mobile	③	1	as required to suit portable equipment positioning
MMHA-002	DEVICE: defibrillator	③	1	to resuscitation trolley
MMHA-031	TROLLEY: resuscitation, adult	③	1	
MMHA-032	TROLLEY: resuscitation, paediatric	③	1	optional, may alternatively be provided in a shared area between resuscitation bays or in a dedicated resuscitation bay
MMPH-001	SAFE: dangerous drugs, wall mounted, small	①	1	optional, may be provided in a shared area between resuscitation bays; provision in bay will be dependent on operational models for medication management
MMPH-021	FRIDGE: medication/vaccine, 150L nom, single door, under bench	③	1	optional, may be provided in a shared area between resuscitation bays; provision in bay will be dependent on operational models for medication management
MMPM-051	MONITOR: patient, slave, remote monitoring and control	③	1	on ceiling mounted bracket, display feed from patient monitor on services pendant head

CODE	DESCRIPTION	GROUP	QTY	COMMENT
MMTR-016.02	TROLLEY: stainless steel, wire mesh drawers, 490W x 600D x 900H nom, 4 drawers	③	4	type and extent of storage for consumables is to be confirmed to suit clinical services requirements, operational models for stock centralisation/decanting and local IPC policies
MMTR-053	TROLLEY: airway/intubation, 750W x 490D x 900H nom	③	1	
MMTR-092	TROLLEY: procedure, 600W x 490D x 900H nom	③	1	



## Engineering Services

CODE	DESCRIPTION	GROUP	QTY	COMMENT
ELGP-105	GPO: single, wall mounted, cleaner	①	1	as required for distribution across the unit in accordance with AS/NZS 3003
ELGP-131	GPO: single, emergency power, wall mounted	①	1	optional, to medication fridge if provided
ELGP-136	GPO: single, emergency power, ceiling mounted	①	1	to slave display screen for patient monitor
ELGP-231	GPO: double, emergency power, wall mounted	①	2	to write-up workstation
ELGP-231	GPO: double, emergency power, wall mounted	①	1	optional, to display screen for decision support tool if provided
ELGP-231	GPO: double, emergency power, wall mounted	①	1	optional, to display screen for patient information and diagnostic imaging if provided
ELGP-231	GPO: double, emergency power, wall mounted	①	6	2 over bench, 4 distributed across the room for medical equipment
ELPR-011	MONITOR: line isolation, wall mounted	①	1	to electrical services on pendant
ELPR-081	RCD: residual current device, emergency power, wall mounted	①	4	quantity and type to be confirmed to suit finalised power allocations
ELSW-001	SWITCH: light	①	1	for general room lights; to write-up workstation
HYDR-201	DIRECT CONNECTION: wastewater, general	①	1	to basin
HYTP-451	DIRECT CONNECTION: water, cold	①	1	to basin tapware
HYTP-453	DIRECT CONNECTION: water, warm	①	1	to basin tapware
ITBU-436	CONTROL PANEL: time and elapsed time, synchronised slave clock	①	1	to write-up workstation
ITIN-011	OUTLET: data, single RJ45, ceiling mounted	①	1	to slave display screen for patient monitor; services to be confirmed to suit selected equipment, may be replaced with alternate AV outlet depending on system requirements
ITIN-016	OUTLET: data, single RJ45, wall mounted	①	1	optional, to card reader for drug safe if provided
ITIN-016	OUTLET: data, single RJ45, wall mounted	①	1	optional, to medication fridge if provided; for temperature monitoring BMS connection
ITIN-026	OUTLET: data, double RJ45, wall mounted	①	1	optional, to display screen for decision support tool if provided
ITIN-026	OUTLET: data, double RJ45, wall mounted	①	1	optional, to display screen for patient information and diagnostic imaging if provided
ITIN-036	OUTLET: data, triple RJ45, wall mounted	①	1	to write-up workstation
ITSE-261	READER: security, access control, proximity card, wall mounted	①	1	optional, to drug safe if provided



# Medical Services Panels and Pendants

CODE	DESCRIPTION	GROUP	QTY	COMMENT
<b>Pendant 1</b>				
MMSP-111	PENDANT: single arm, ceiling mounted	2	1	
<b>Pendant 1 - Arm 1</b>				
MMSP-171	MEDICAL SERVICES HEAD: vertical, on pendant arm	2	1	content and configuration to be confirmed based on clinical services requirements and medical equipment selection
ELGP-151	GPO: single, emergency power, on pendant services head	1	8	
ELGP-151	GPO: single, emergency power, on pendant services head	1	1	to patient monitor
ELGP-151	GPO: single, emergency power, on pendant services head	1	1	to diagnostic set
ELGP-181	GPO: single, UPS, on pendant services head	1	4	
ELPR-034	PANEL: UPS status indicator, on pendant services head	1	1	
FIHR-104	BRACKET: suction bottle, on pendant services head	2	3	
FIHR-414	BRACKET: patient monitor, articulated, on pendant services head	2	1	
FIHR-423	BRACKET: ventilator, on pendant services head	2	1	
ITCL-135	BUTTON: nurse call, patient to staff call, with cancel, with handset connection point, on pendant services head	1	1	
ITCL-185	BUTTON: nurse call, staff assist, with cancel, on pendant services head	1	1	wall mounted item is also acceptable
ITCL-195	BUTTON: nurse call, emergency, with cancel, on pendant services head	1	1	wall mounted item is also acceptable
ITCL-251	HANDSET: nurse call, patient to staff call	1	1	with holder and cable management items as required
ITIN-014	OUTLET: data, single RJ45, on pendant services head	1	1	to patient monitor
ITIN-034	OUTLET: data, triple RJ45, on pendant services head	1	2	
ITIN-064	OUTLET: data, HDMI, on pendant services head	1	1	to patient monitor; services to be confirmed to suit selected equipment, may be replaced with alternate AV outlet depending on system requirements
MGAS-021	OUTLET: medical air, on pendant services head	1	1	
MGAS-031	OUTLET: nitrous oxide (N2O), on pendant services head	1	1	optional, provision of reticulated nitrous oxide to be confirmed to suit clinical services requirements and operational models
MGAS-041	OUTLET: oxygen (O2), on pendant services head	1	3	
MGAS-051	OUTLET: scavenge, on pendant services head	1	1	optional, required if reticulated nitrous oxide provided; provision of reticulated nitrous oxide to be confirmed to suit clinical services requirements and operational models
MGAS-061	OUTLET: suction, on pendant services head	1	3	
MGFP-021	FLOWMETER: medical air	3	1	
MGFP-041	FLOWMETER: oxygen	3	3	
MGFP-051	ADAPTER: scavenge	3	1	optional, to scavenge outlet if provided
MGFP-061	ADAPTER: suction	3	3	
MMGE-191	CANNISTER: suction bottle	3	3	
MMGE-235	DIAGNOSTIC SET: otoscope and ophthalmoscope, on pendant services head	2	1	configuration of diagnostic equipment to be confirmed to suit clinical services requirements
MMGE-291	DEVICE: pump, infusion, single	3	1	

CODE	DESCRIPTION	GROUP	QTY	COMMENT
MMGE-296	DEVICE: pump, syringe	3	1	
MMHA-051	DEVICE: ventilator, adult	3	1	
MMPM-021	MONITOR: patient, high acuity	3	1	configuration of patient monitoring to be confirmed to suit clinical services requirements; with accessories (sensors, cuffs, cables, etc.) as required; connection required for output to ceiling mounted slave monitor

For guidance on how to use the Room Data Sheet, please visit the [AushFG website](#).